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Research Use Only. Not for diagnostic or therapeutic use.

EB08855 - Goat Anti-SOX10 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SOX10, SRY (sex determining region Y)-box 10, DOM, MGC15649, WS4, OTTHUMP00000028515, SRY-related HMG-box gene 10, dominant megacolon,

mouse, human homolog of **Official Symbol:** SOX10

Accession Number(s): NP_008872.1

Human GeneID(s): 6663

Immunogen

Peptide with sequence C-DAKAQVKTETAGPQ, from the internal region of the protein sequence according to NP_008872.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 50kDa band observed in Human Brain (Cerebellum) and approx. 52kDa in Mouse Brain lysates (calculated MW of 49.9kDa according to Human NP_008872.1 and Mouse NP_035567.1). Recommended concentration: 0.03-0.1μg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the nucleus of KNRK cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

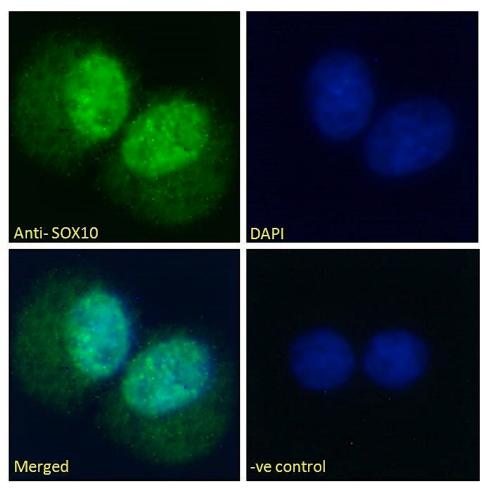
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB08855 (0.1 μ g/ml) staining of Human Cerebellum lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemilluminescence.



EB08855 (0.1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB08855 Immunofluorescence analysis of paraformaldehyde fixed KNRK cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).